

JAN 22 1982

1346

MATERIAL SAFETY DATA SHEET

Adapted and modified from USDL Form OSHA-20

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SECTION I

MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE		EMERGENCY TELEPHONE NO. 213/ 321-6515
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 471, Gardena, CA. 90247		
CHEMICAL NAME AND SYNONYMS NA		TRADE NAME AND SYNONYMS WELD-ON 28 COMPONENT - B
CHEMICAL FAMILY ORGANIC PEROXIDE	FORMULA NA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE SEE BELOW			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Benzoyl Peroxide 55% Approx.					
Philegmatizer 45%					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	0.5609
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	Nonvolatile
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (AIR=1)	NA
SOLUBILITY IN WATER	NOT SOLUBLE		
APPEARANCE AND ODOR Fine white granules			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NA	FLAMMABLE LIMITS % vol air	LeL 0.6	UeL 3.5
EXTINGUISHING MEDIA Copious amounts of water, water fog, Dry chemicals, foam or CO ₂ extinguishers.				
SPECIAL FIRE FIGHTING PROCEDURES For large fires evacuate area and apply water from safe distance to cool down surrounding area. If fire occurs near peroxide, spray water on the peroxide containers to keep from overheating.				
UNUSUAL FIRE AND EXPLOSION HAZARDS Benzoyl Peroxide is an oxidizing material, keep away from all sources of heat and ignition. Do not add accelerators directly to this material vigorous decomposition.				

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

INHALATION: Moderately toxic and irritating - may cause dizziness.

ORAL: May cause dizziness and excitation.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water. EYES: Wash with plenty of water for 15 min.

and consult a physician. In case of ingestion, administer an emetic and call a physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

X

CONDITIONS TO AVOID

Abnormally high temperatures. Other combustible materials.

STABLE

Strong oxidizing or reducing agents, accelerators like DMA

INCOMPATIBILITY (Materials to avoid)

Accelerators such as dimethylaniline. Strong oxidizing materials - Acids, etc. Benzoyl peroxide will explode in the event of fire or abnormal temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS

POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

Unknown

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Any spilled peroxide should be swept up and burned immediately. Solvent mixtures containing the peroxide should be absorbed in a non-combustible material such as absorbent earth, vermiculite or perlite.

WASTE DISPOSAL METHOD

Using a non-sparkling shovel, deposit the solid peroxide or absorbed mixture in a small shallow pile on several sheets of newspaper and ignite with a torch having a 6 ft. handle. No more than one lb. of peroxide should be burned at one time. Observe local and state regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not necessary - use with adequate ventilation.

VENTILATION

LOCAL EXHAUST

Provide adequate ventilation

MECHANICAL (General)

SPECIAL

OTHER

None

None

PROTECTIVE GLOVES

RUBBER

EYE PROTECTION

Safety Goggles

OTHER PROTECTIVE EQUIPMENT

Rubber or polyethylene apron.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Supplied in capsules of 2.4 grams each or 1 - lb. containers. Probably I.C.C. Yellow label - Flammable solid because of 55% Benzoyl Peroxide content. Store in a dark cool place away from heat.

OTHER PRECAUTIONS

Avoid heating and friction. Also avoid impact during use. Bring into the manufacturing area no more peroxide that will be consumed during an eight hour shift.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.